

Amendments to the Claims

Claims 1-9 (canceled)

Claim 10 (original): A computer software product comprising:

- a) a computer program code that receives a plurality of hybridization intensities, wherein each of said intensities reflects the hybridization of one of a plurality of probes to a nucleic acid sample and wherein said probes are targeting a genome;
- b) a computer program code that identifies a region of said genome wherein intensities for said probes against said region are above a threshold value; and
- c) a computer readable media for storing said codes.

Claim 11 (original): The computer software product of Claim 10 further comprising a computer program code that identifies an area of said region wherein intensities for said probes against said area are similar.

Claim 12 (original): The computer software product of Claim 11 wherein the difference in said intensities for said probes against said area is within 2 fold.

Claim 13 (original): The computer software product of Claim 12 wherein said difference is within 150%.

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Claim 14 (original): The computer software product of Claim 11 further comprising a computer program code to indicate said area as a transcribed area.